

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049317.D
 Acq On : 16 Jun 2018 18:37
 Operator : MD\SY
 Sample : J3564-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

Quant Time: Jun 18 10:03:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1612557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2583884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2224680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	839988	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	1082508	50.61	ug/l	0.00
Spiked Amount						
			Recovery	=	101.22%	
35) Dibromofluoromethane	7.59	113	968130	46.31	ug/l	0.00
Spiked Amount						
			Recovery	=	92.62%	
50) Toluene-d8	10.09	98	3619593	45.47	ug/l	0.00
Spiked Amount						
			Recovery	=	90.94%	
62) 4-Bromofluorobenzene	12.40	95	1069529	40.64	ug/l	0.00
Spiked Amount						
			Recovery	=	81.28%	

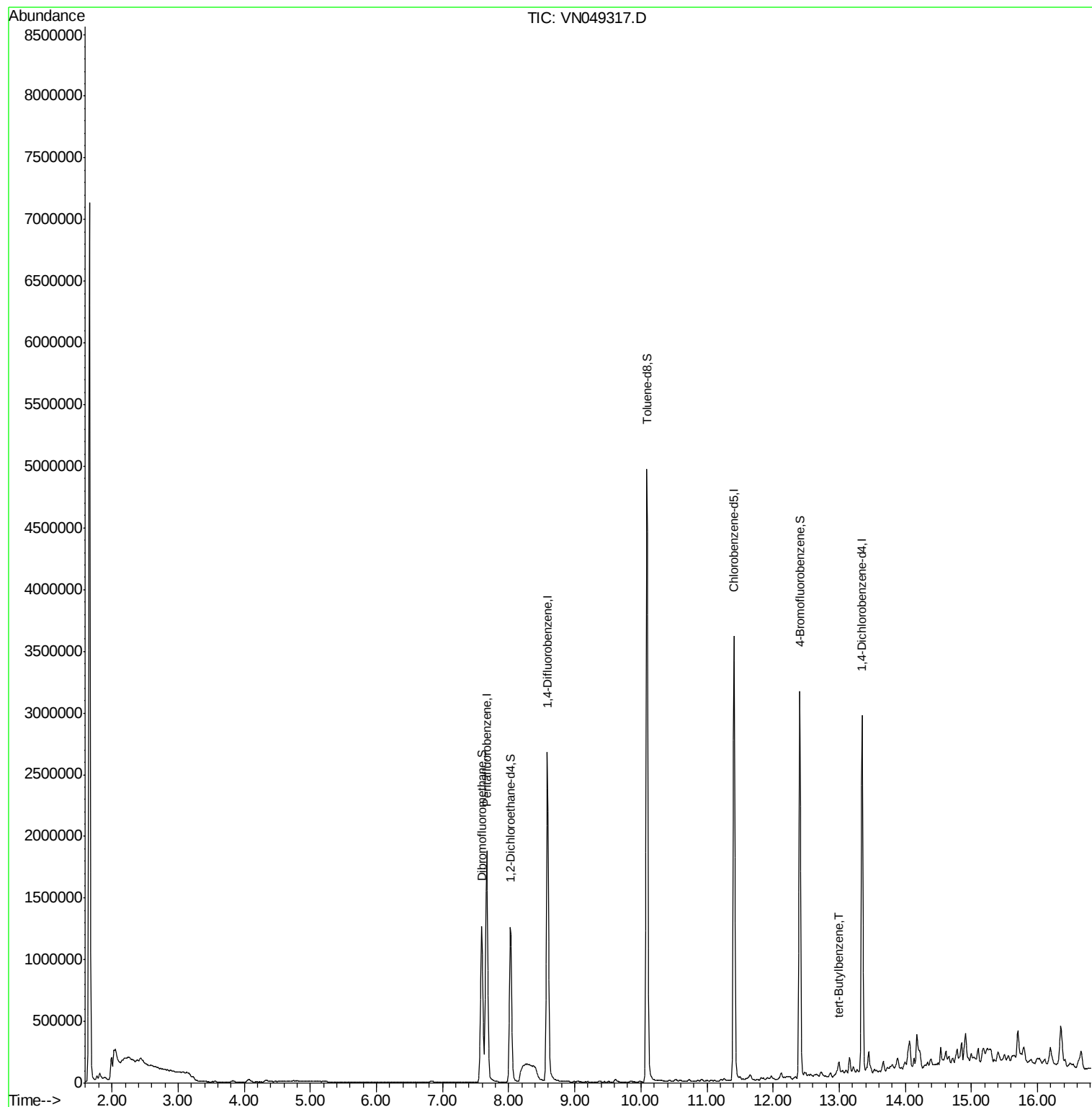
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
83) tert-Butylbenzene	12.99	119	41190	0.80	ug/l	97

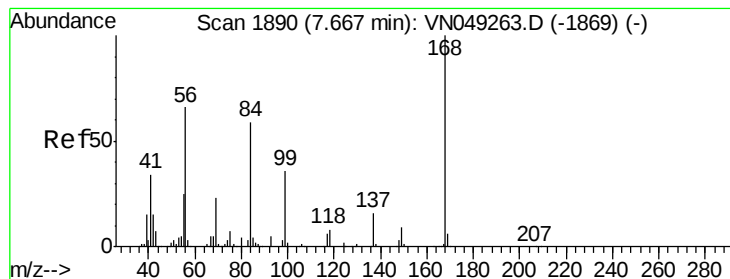
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049317.D
Acq On : 16 Jun 2018 18:37
Operator : MD\SY
Sample : J3564-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

Quant Time: Jun 18 10:03:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049317.D

Acq: 16 Jun 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

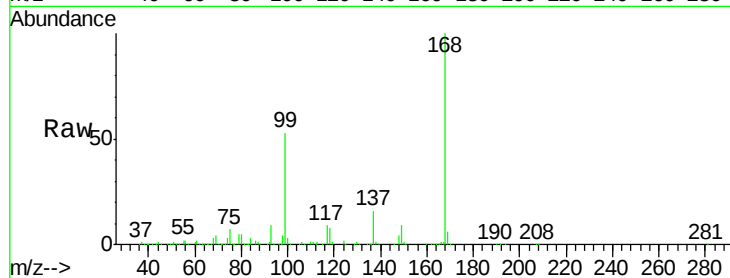
MW-17

Tot Ion:168 Resp: 1612557

Ion Ratio Lower Upper

168 100

99 53.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

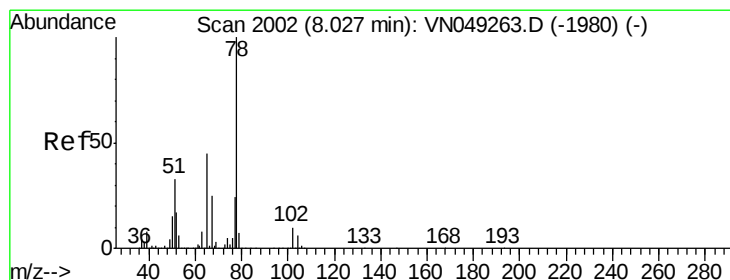
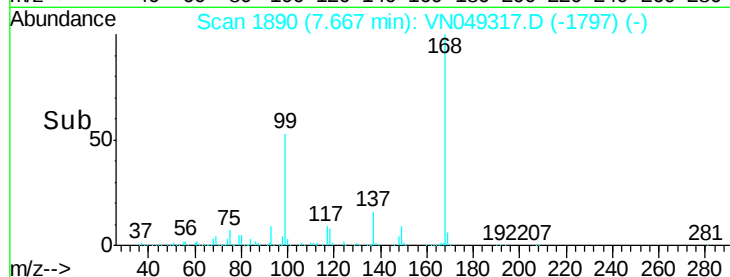
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.61 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049317.D

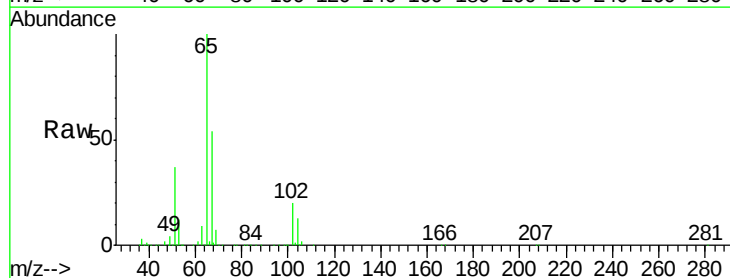
Acq: 16 Jun 2018 18:37

Tgt Ion: 65 Resp: 1082508

Ion Ratio Lower Upper

65 100

67 54.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

500000

400000

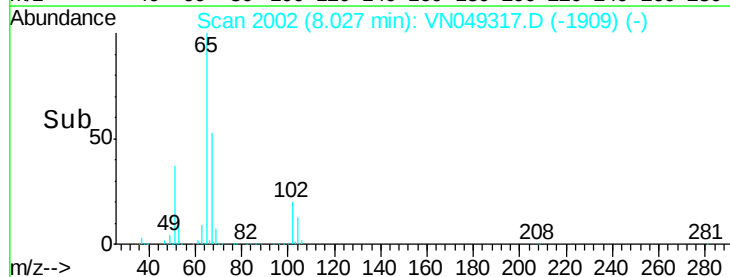
300000

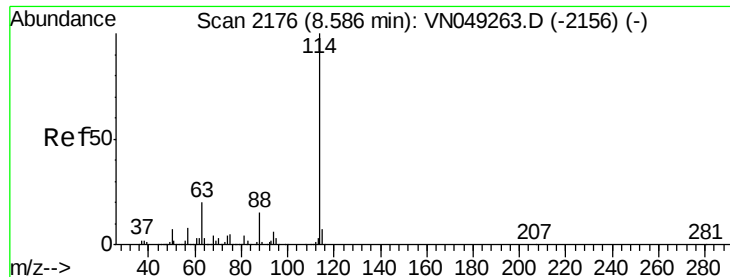
200000

100000

0

Time-->

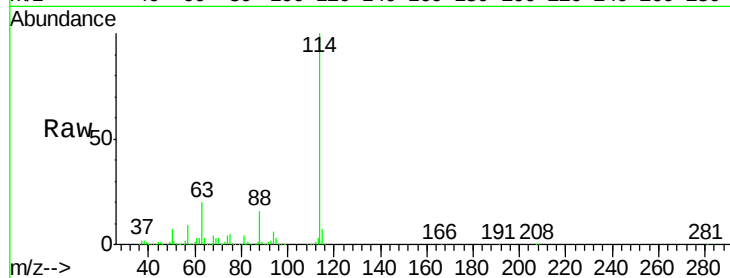




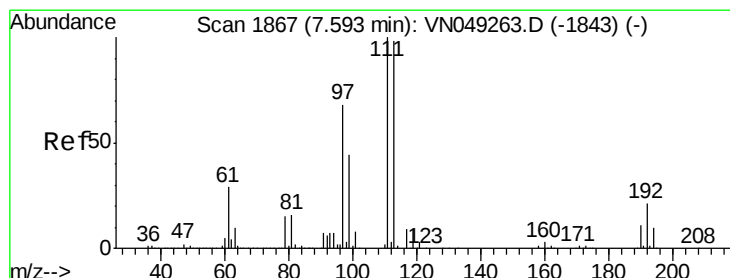
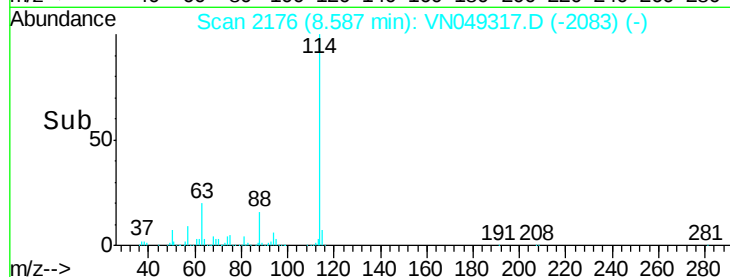
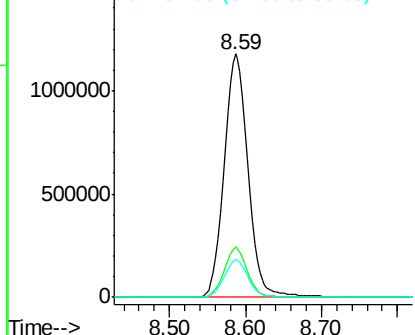
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049317.D
Acq: 16 Jun 2018 18:37

Instrument :
MSVOA_N
ClientSampleId :
MW-17

Tot Ion:114 Resp: 2583884
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.4
88 15.7 0.0 31.4

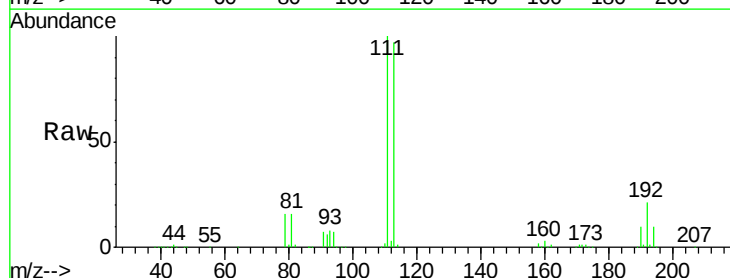


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

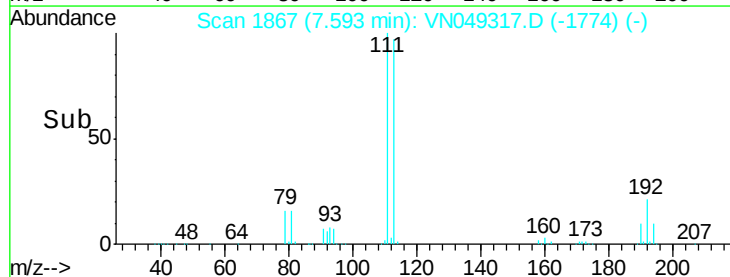
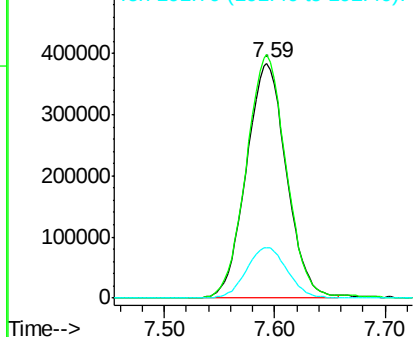


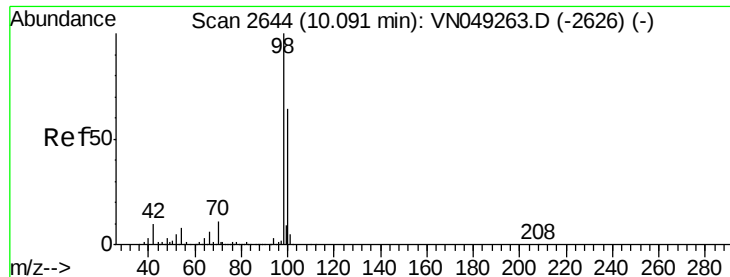
#35
Dibromofluoromethane
Concen: 46.31 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049317.D
Acq: 16 Jun 2018 18:37

Tgt Ion:113 Resp: 968130
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 22.1 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.47 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049317.D

Acq: 16 Jun 2018 18:37

Instrument :

MSVOA_N

ClientSampled :

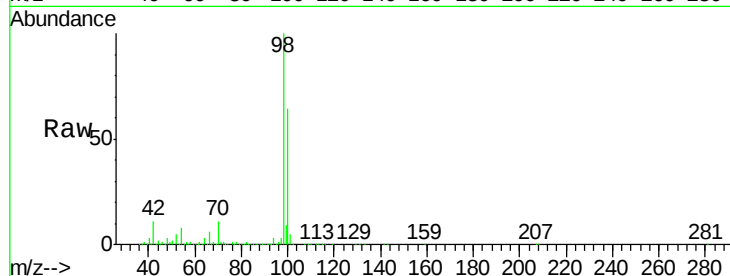
MW-17

Tot Ion: 98 Resp: 3619593

Ion Ratio Lower Upper

98 100

100 63.8 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049317.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049317.D (-2551) (-)

10.09

2000000

1500000

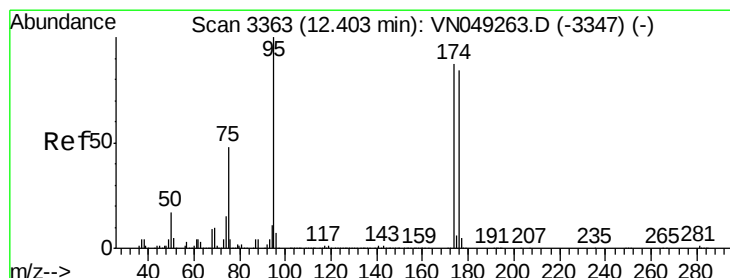
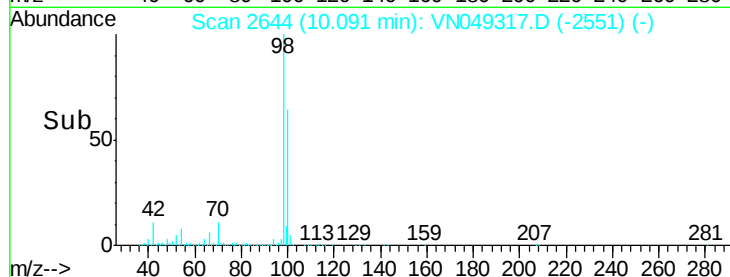
1000000

500000

0

Time-->

10.00 10.20



#62

4-Bromofluorobenzene

Concen: 40.64 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049317.D

Acq: 16 Jun 2018 18:37

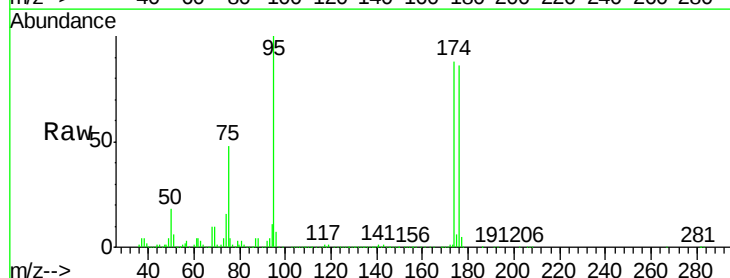
Tgt Ion: 95 Resp: 1069529

Ion Ratio Lower Upper

95 100

174 89.4 0.0 165.6

176 85.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049317.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049317.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049317.D (-3270) (-)

12.40

800000

600000

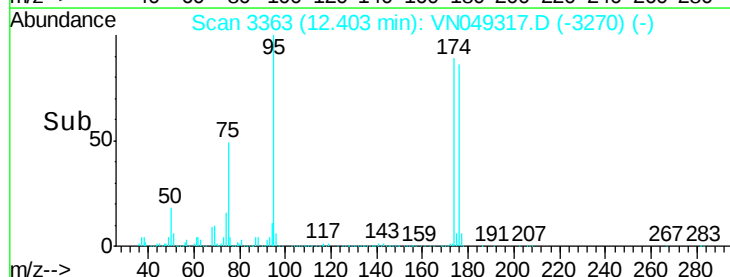
400000

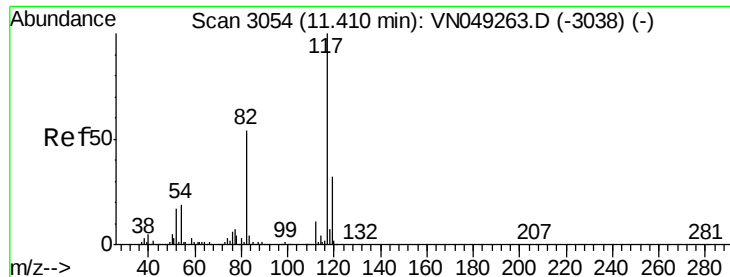
200000

0

Time-->

12.35 12.40 12.45





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049317.D

Acq: 16 Jun 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

MW-17

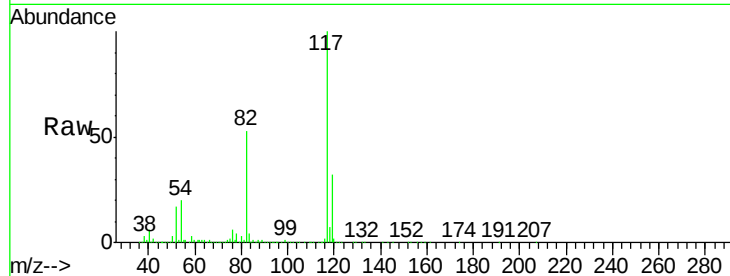
Tot Ion:117 Resp: 2224680

Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

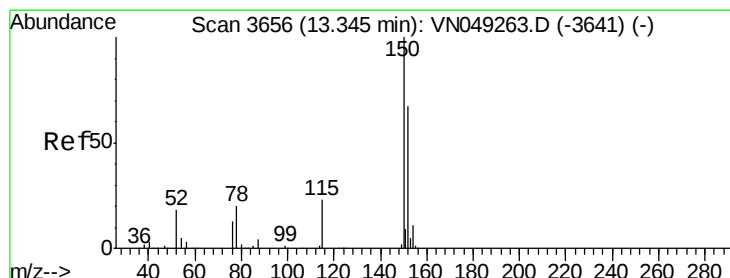
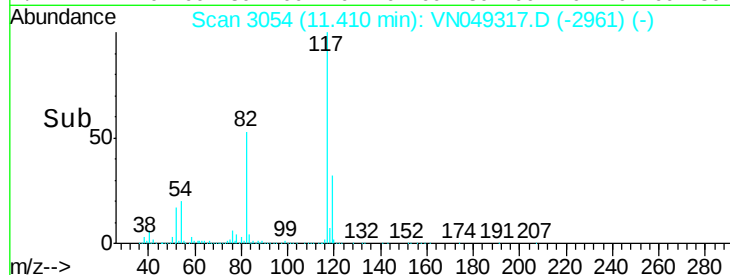
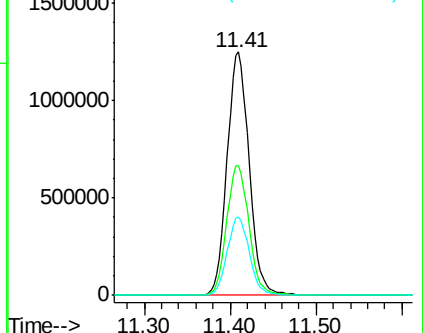
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049317.D

Acq: 16 Jun 2018 18:37

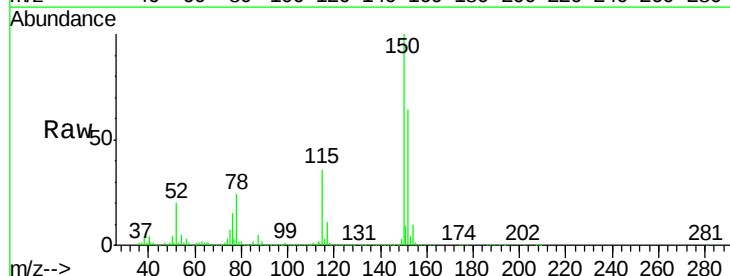
Tgt Ion:152 Resp: 839988

Ion Ratio Lower Upper

152 100

115 56.8 28.7 86.1

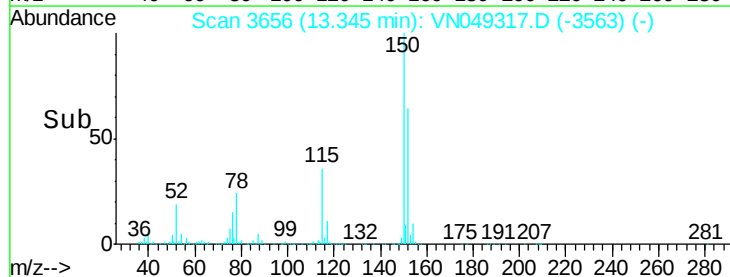
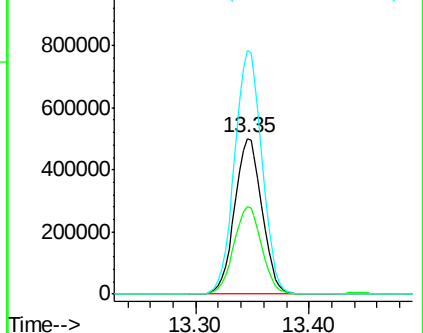
150 157.3 0.0 351.0

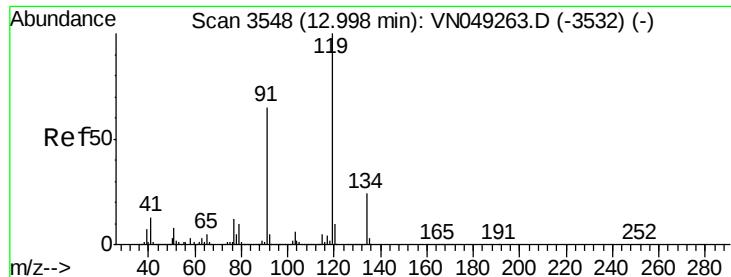


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#83

tert-Butylbenzene

Concen: 0.80 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049317.D

Acq: 16 Jun 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

MW-17

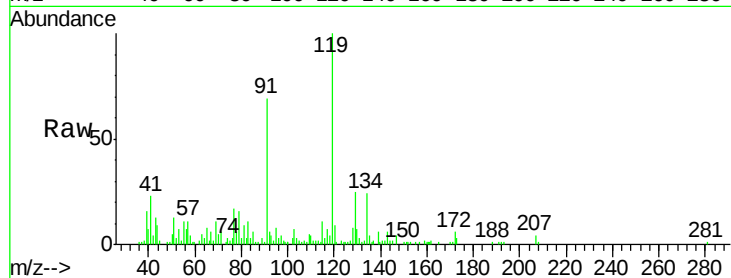
Tot Ion:119 Resp: 41190

Ion Ratio Lower Upper

119 100

91 64.7 33.7 101.0

134 25.1 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

